IN THE SPECIFICATION

Please amend the Abstract as follows. A clean version of the amended abstract is provided at page 23.

--An original information sequence is encoded [[(E1)]] by means of an error correcting code. There ;there is associated [[(E2)]] with the encoded sequence K frequency symbols in a space consisting of a series of 2^p increasing frequencies, each of the K symbols representing N encoded symbols, with p, K and N being strictly positive integers. There ;there is applied [[(E3)]] to the K symbols a reversible transformation including a multiplication by an invertible matrix of size NxN, [[;]] and signals obtained from the inverse transform signals are sent [[(E4)]]. There exists a K-tuplet of positive integers n_1, n_2, ..., n_k at least one of which is strictly positive, such that, for an integer I varying from 1 to K, after periodic extraction of one frequency out of 2^{ni} amongst among the frequencies of the ith of the K symbols, thus forming a reduced frequency symbol of 2^{p-ni} frequencies, K reduced frequency symbols are obtained, representing the original information sequence, with a view to complete or partial decoding. Figure 11.--